

Table 2. Scale definition for three attributes of the landscape scale assessment of *Linaria vulgaris* patch clusters.

Attribute	Classes			
Land use	Roads: areas located 10 m from a road or highway	Logged areas: areas that have been clearcutted or intensively logged during the last 30 years	Riversides: areas that are near a river, lake or in riverbanks	Natural vegetation: Areas that do not show signs of heavy human disturbance
Fire Intensity	1: Areas with no historical record or physical sign of fire	2: Areas with historical record of fire but no physical signs	3: Areas with scattered physical signs of fire such as coarse woody debris charcoal	4: Areas with high density of coarse woody debris charcoal (burn piles in logging operations)
Soil Disturbance	1: Present of bare soil, but no signs of soil turn over	2: Presence of bare soil, signs of turnover disturbance but more than 25% herbaceous cover	3: High levels of soil turnover (e.g. gophers mounds), less than 25% herbaceous cover.	4: Areas where soil is disturbed periodically with less than 5% of plant cover (e.g. roads, trails).